

Abstract of the Disclosure

A high performance accelerator circuit for  
streamed and not-streamed vector graphics applications  
and multimedia contents, which provides increased  
5 performance for vector graphics applications and  
multimedia contents over current computer and handheld  
architectures. The Vector Graphics Unit circuit  
includes means for fast drawing of quadratic and cubic  
Bézier curves (i.e. fonts, curved object etc...),  
10 hardware compositing of solid and transparent objects  
and fast antialiasing hardware unit. The Vector  
Graphics Unit is particularly suitable for commercial  
appliances having high quality graphics and low power  
consumption features.

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